

Recovery Plan Action Status

Plan Name: Recovery Plan for Upland Species of the San Joaquin Valley, California

Plan Status: Final

Plan Date: 30-Sep-98

Lead Agency: USFWS

Lead Office: Sacramento Fish And Wildlife Office

(916)

414-6600)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.1	Develop regional cooperative program that coordinates land use planning and biodiversity conservation	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game	Other: Information and Education	Internal Technical Assistance	

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Buena Vista Lake ornate Shrew (<i>Sorex ornatus relictus</i>), Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>), Tipton kangaroo rat (<i>Dipodomys nitratoides nitratoides</i>), San Joaquin woolly-threads (<i>Monolopia (=Lembertia) congdonii</i>)	3	2.1.11	Protect natural land in Kern NWR- Semitropic Ridge Natural Area	Ongoing Current	FY 1995 - FY 1999		California Energy Commission, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy, Private landowners	Acquisition: Easement	Internal Field Assistance	Acquired 640 acres abutting Kern NWR.

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Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	1	2.2.21	Protect and restore natural communities at Kern Lake for Buena Vista Lake shrew and Bakersfield smallscale	Ongoing Not Current	FY 1995 - FY 1999		California Department of Water Resources, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, Private landowners	Acquisition: Easement	Contract	Depends on 1.2.2

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Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	1	3.2.30	Conduct surveys for Buena Vista lake shrew in southern Valley wetlands (includes target plant species)	Ongoing Not Current	FY 1995 - FY 1999		California Department of Water Resources, U.S. Bureau of Land Management, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	

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Buena Vista Lake ornate Shrew (Sorex ornatus relictus), San Joaquin kit fox (Vulpes macrotis mutica)	1	4.26	Conduct multiple research tasks on the kit fox and census and demography data on the Buena Vista Lake shrew in southern Tulare and northern Kern Counties	Not Started			U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: General	Contract	
Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	2	4.53	Conduct population genetics research on the Buena Vista Lake shrew	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Private landowners	Research: Genetics	Contract	
Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	2	4.56	Research the effects of pesticide use and drift on Buena Vista Lake shrews	Not Started			California Department of Food and Agriculture, California Environmental Protection Agency, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Environmental Contaminants	Contract	
Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	1	4.8	Conduct multiple research tasks and monitoring for the Buena Vista Lake shrew at Kern Lake	Not Started			California Department of Water Resources, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	2	4.82	Research the effects of selenium on Buena Vista Lake shrew	Not Started			California Environmental Protection Agency, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Environmental Contaminants	Contract	

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Buena Vista Lake ornate Shrew (Sorex ornatus relictus)	1	7.8.3	Reintroduce Buena Vista Lake shrew	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Management: Reintroduction	Contract	